UNITED STATES PATENT AND TRADEMARK OFFICE

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on *08 April 2009*.
2a) ☒ This action is **FINAL**.   2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1,4,9-18 and 121-125* is/are pending in the application.
   4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) *1,4,9-18 and 121-125* is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a) ☐ All   b) ☐ Some * c) ☐ None of:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. _____.
    3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
   Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
   Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

1.   1, 4, 9-18, and 121-125 are pending in the application.

Response to Arguments

2.   Applicant's arguments filed 4/8/2009 have been fully considered but they are not persuasive. In response, applicant argues:

(1) Nowhere in Hertzog, alone or in combination with Rensin, is there any mention, teaching or suggestion relating to causing display of the persistent window (alleged web page of the web application) including display of a prompt requesting input of data into the category fields table (alleged corresponding fields) of the persistent window [p. 7];

(2) Hertzog, alone or in combination with Rensin, does not contemplate that the persistent window 182 (alleged web page of the web application) includes display of a prompt requesting input of data into the category-fields table 94 (alleged corresponding fields of the web page) that were mapped to a plurality of fields of contact data from PIM software [pp. 7 – 8]; and

(3) Neither Hertzog nor Rensin, whether considered alone or in combination, teach or suggest allows the user to browse contact data of various people and select one person's contact information to automatically populate the fields of a web page [p. 8].

As to arguments (1) and (2), examiner respectfully disagrees and notes that Hertzog teaches the "power find" panel further provides a "global search" option that is

use-selectable to provide a more powerful searching tool, utilizing which the user may

search multiple fields using respective criteria for each of those information field

[paragraph 0112]. The "global search" option provides multiple searchable fields that

are provided in the power fine panel. The multiple search fields correspond to the

"corresponding fields of the web page" in the recited claims and the search fields are

mapped to the fields of contact data. In addition, Rensin teaches mapping data from

one or more fields of the selected set of contact data to the one or more corresponding

fields of the web page [Each item listed on the menu has a link to software plug-in 27 to

properly fill an on-line form in web site 23 with data records from a local database in

handheld Internet appliance 20; paragraph 0046] of the web application [paragraphs

0023, 0042, 0045, 0048, and 0063] to automatically populate the web page by using the

mapping data [paragraph 0027, 0044, 0053, 0055 and 0056].

As to argument (3), examiner respectfully disagrees because Rensin teaches

allowing the user to browse contact data of various people [user taps on the button

displayed on the web site for selecting a data record to fill the on-line forms of the web

site launched; paragraph 0056] and select one person's contact information to

automatically populate the fields of a web page [user may then proceed to select a data

record saved in a local database in the handheld Internet appliance to fill out the on-line

form; paragraph 0055]. In addition, Hertzog allows a user to pre-populate a web page

for a web application with search contact information [web page may be pre-populated

with the personal information included within the query communicated to the flower

vendor; paragraph 0127 of Hertzog]. Therefore, the combination of Hertzog and Rensin

teaches allowing the user to browse contact data of various people and select one

person's contact information to automatically populate the fields of a web page.

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

4.   **Claims 1, 4, 9-18 and 121-125 are rejected under 35 U.S.C. 103(a) as being**

unpatentable over U.S. Patent Application Publication No. 2003/0069874 to

Hertzog et al. [hereinafter Hertzog, previously cited] in view U.S. Patent

Application Publication No. 2002/0152332 to Rensin et al. [hereinafter Rensin].

5.   As to claim 1, Hertzog teaches an apparatus comprising one or more memory

storage areas [paragraph 0214], connected to one or more processors [paragraph

0224], the one or more processors for:

mapping a plurality of fields of contact data [synchronization traders 52, 54 and

56 is responsible for performing a mapping operation between fields of the local

database 30, and a database maintained, by the PIM 22; p. 5, paragraph 0059] from

personal information manager (PIM) software [PIM 22; p. 5, paragraph 0059] to a

plurality of corresponding fields [p. 7, paragraph 0087; "power find" panel 134 further

provides a "global search" option that is use-selectable to provide a more powerful

searching tool, utilizing which the user may <u>search multiple fields</u> using respective

criteria for each of those information field; paragraph 0112] of the web page [GUI 24 of

a client application 18; paragraph 0100] of a web application [application server 40;

paragraphs 0054 and 0211] to produce a mapping [presented within the contact details

panel 152 and retrieved based on personal information within the local database 30; p.

11, paragraph 0118; p. 7, paragraphs 0084 and 0087];

causing display of the web page of the web application [main window 130

includes a tool bar 132, a "power find" panel 134; paragraphs 0109, 0110 and 0134],

wherein the causing display includes causing display of a prompt requesting input of

data into the plurality corresponding fields of the web page [p. 7, paragraph 0087;

"power find" panel 134 further provides a "global search" option that is use-selectable to

provide a more powerful searching tool, utilizing which the user may <u>search multiple</u>

<u>fields using respective criteria for each of those information field</u>; paragraph 0112] of the

web application [persistent window 182 also includes contact, web and stock tabs in

order to allow a user to direct a search that utilizes text inputted into the field 184;

paragraph 0134];

receiving input entering one or more alphanumeric characters into a field of a

web page of the application [a "power find" panel 134 via which a user may conduct a

search of contact information contained within the local database 30; p. 10, paragraphs

0110 and 0111];

causing display of more than one sets of contact data that match the entered

alphanumeric characters [after entering the leading letter "c", all contacts having a last

name beginning with "c" will be displayed within the browser panel 136; p. 10,

paragraphs 0110 and 0111];

receiving input selecting one of the displayed sets of contact data to be mapped

to the fields of the web page [user may conveniently view contact information for each

respective category by performing a selection operation; p., 10, paragraph 0113]; and

transmitting the web page containing mapped data as output data to a web

server executing the web application via a communication network [query formulated

and issued at block 424 may be presented to a product vendor, such as a flower

vendor. In this case, address details for a contact may be communicated to a web site

operated by a flower vendor; paragraph 0206, 0111 and paragraphs 0199 – 0201].

Hertzog does not specifically disclose mapping data from one or more fields of the

selected set of contact data to the one or more corresponding fields of the web page of

the web application to automatically populate the web page by using the mapping data.

However, Rensin teaches mapping data from one or more fields of the selected

set of contact data to the one or more corresponding fields of the web page [Each item

listed on the menu has a link to software plug-in 27 to properly fill an on-line form in web

site 23 with data records from a local database in handheld Internet appliance 20;

paragraph 0046] of the web application [API invokes the software plug-in that

implements the functions required to fill an on-line form with data records from a local

database in the handheld Internet appliance; paragraphs 0023, 0042, 0045, 0048, and

0063] to automatically populate the web page by using the mapping data [automatically

fill on-line forms with data records saved in a local database of a handheld Internet appliance; paragraph 0027, 0044, 0053, 0055 and 0056].

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the invention of Hertzog to incorporate the features of Swan because this enables users to automatically fill on-line forms with data records saved in a local database of a handheld Internet appliance and enables the on-line forms to be filled with data records from a local database of a handheld Internet appliance prior to displaying the web site containing the on-line forms [paragraph 0027 of Rensin].

6.   As to claim 121, this is a program product claim that corresponds to apparatus claim 1; see the rejection to claim 1 above, which also teaches the features of this program product claim.

7.   As to claims 4 and 122, Hertzog teaches the mapping data maps the field of contact data to the corresponding field of the web application via a browser extension embedded in the web page of the application [p. 10, paragraph 0111 of Hertzog].

8.   As to claims 9 and 123, Hertzog as modified teaches outputting the mapped contact data generated by automatically populating the contact data to the application to an output device [paragraphs 0062 and 0064 of Rensin].

9.   As to claim 10, Hertzog teaches the output device generates a printed document

based on the mapped contact data [paragraphs 0148 and 0155].

10.   As to claim 11, Hertzog teaches wherein the communication network is the

Internet [p. 11, paragraph 0118 of Hertzog].

11.   As to claim 12, Hertzog teaches the contact data comprises a person's name [p.

6, paragraph 0071].

12.   As to claim 13, Hertzog teaches the contact data comprises a company name [p.

6, paragraph 0071].

13.   As to claim 14, Hertzog teaches the contact data comprises an address [p. 6,

paragraph 0071].

14.   As to claim 15, Hertzog teaches the contact data comprises a telephone number

[p. 8, paragraph 0096].

15.   As to claim 16, Hertzog the contact data comprises a mobile number [p. 8,

paragraph 0096].

16.   As to claim 17, Hertzog the contact data comprises a facsimile number [p. 11,

paragraph 0125].

17.   As to claim 18, Hertzog teaches the contact data comprises an email address [p.

6, paragraph 0071].

18.   As to claim 124, Hertzog as modified teaches wherein mapping the plurality of

fields of contact data is performed by the one or more processors in response to receipt

of a prompt provided to a display [paragraph 0087 of Hertzog and paragraph 0155 of

Swan].

19.   As to claim 125, Hertzog as modified teaches wherein executable portion

configured to map the plurality of fields of contact data occurs in response to receipt of a

prompt provided to a display [paragraph 0087 of Hertzog and paragraph 0155 of Swan].

Conclusion

20.   **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

CONTACT INFORMATION

21.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to LI B. ZHEN whose telephone number is (571)272-3768.

The examiner can normally be reached on Mon - Fri, 8:30am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Hyung Sub Sough can be reached on 571-272-6799. The fax phone

number for the organization where this application or proceeding is assigned is 571-

273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

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For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Li B. Zhen/
Primary Examiner, Art Unit 2194